07/940,389 filed September 3, 1992 (abandoned), which is a continuation-in-part of Serial No. 07/965,173 filed October 23, 1992 (abandoned). --.

IN THE CLAIMS

Cancel claims 1-131 without prejudice.

Please add claims 132-140 as follows:

-- 132. A method for inducing myelination of a neural cell by a glial cell, comprising contacting said cell with an amount of a polypeptide which comprises an epidermal growth factor-like domain the amino acid sequence of which is identical to an amino acid sequence encoded by a GGF/p185 erb B2 ligand gene sufficient to induce myelination of a neural cell by said glial cell.

133. The method of claim 132, wherein said epidermal growth factor like domain comprises the amino acid sequence set forth in SEQ ID NO: 177.

134. The method of claim 132, wherein said epidermal growth factor like domain comprises the amino acid sequence set forth in SEQ ID NO: 178.

135. The method of claim 132, wherein said epidermal growth factor like domain comprises the amino acid sequence set forth in SEQ ID NO: 42.

136. The method of claim 133, wherein said epidermal growth factor like domain further comprises SEQ ID NO: 178, wherein SEQ ID NO: 178 is C-terminal to SEQ ID NO: 177.

137. The method of claim 133, wherein said epidermal growth factor like domain further comprises SEQ ID NO: 179, wherein SEQ ID NO: 42 is C-terminal to SEQ ID NO: 177.

138. The method of claim 132, wherein said epidermal growth factor like domain comprises an amino acid sequence selected from the group consisting of SEQ ID NO: 154, SEQ ID NO: 155, SEQ ID NO: 156, SEQ ID NO: 157, SEQ ID NO: 158, and SEQ ID NO: 159.

139. A method for inducing myelination of a neural cell by a glial cell, comprising contacting said cell with an amount of a polypeptide which binds the p185 erb B2 receptor, sufficient to induce myelination of a neural cell by said glial cell.

140. A method of inducing myelination of a neural cell by a glial cell, comprising contacting said glial cell with an amount of a recombinant polypeptide with glial cell mitogenic activity